

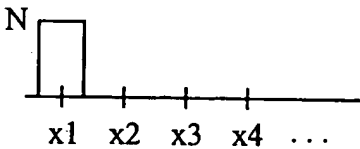
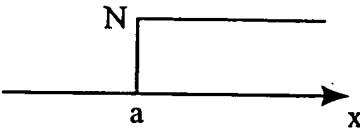
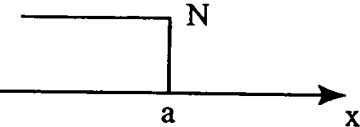
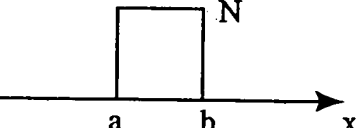
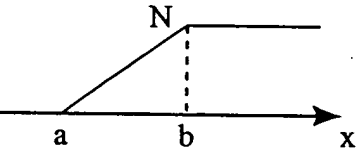
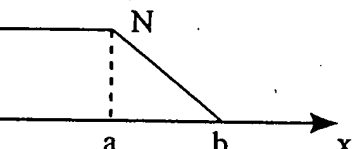
Name	Payoff Diagram	Payoff Equation
Discrete		$P = \begin{cases} N & \text{if } x_1 \text{ occurs} \\ 0 & \text{else} \end{cases}$
Digital Call		$P = \begin{cases} 0 & \text{if } x < a \\ N/2 & \text{if } x = a \\ N & \text{if } x > a \end{cases}$
Digital Put		$P = \begin{cases} N & \text{if } x < a \\ N/2 & \text{if } x = a \\ 0 & \text{if } x > a \end{cases}$
Digital Range		$P = \begin{cases} N & \text{if } a < x < b \\ N/2 & \text{if } x = a \text{ or } x = b \\ 0 & \text{else} \end{cases}$
Call Spread		$P = \begin{cases} 0 & \text{if } x < a \\ N \frac{(x-a)}{(b-a)} & \text{if } a < x < b \\ N & \text{if } x > b \end{cases}$
Put Spread		$P = \begin{cases} N & \text{if } x < a \\ N \frac{(b-x)}{(b-a)} & \text{if } a < x < b \\ 0 & \text{if } x > b \end{cases}$

FIG. 1 (PRIOR ART)

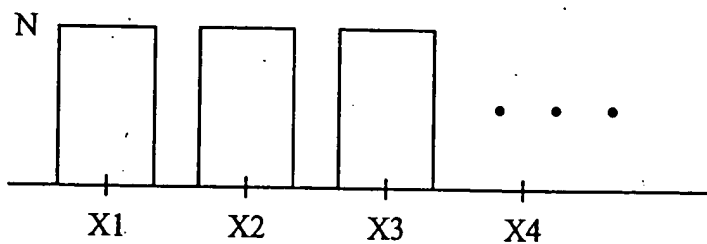


FIG. 2A

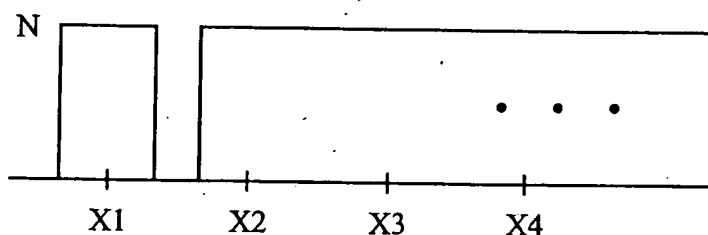


FIG. 2B

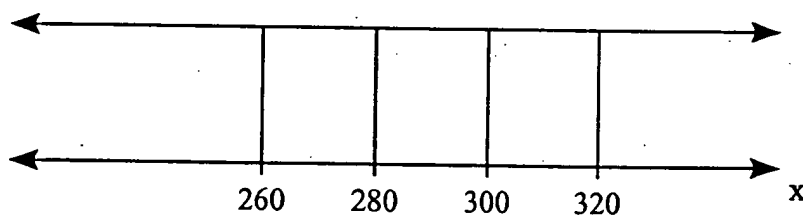


FIG. 2C

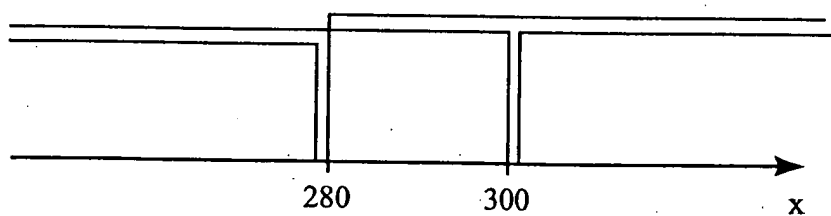


FIG. 2D

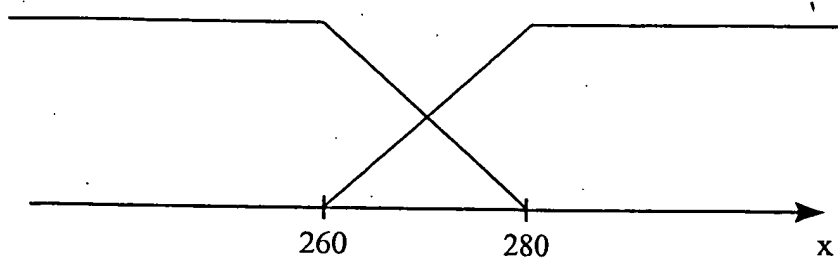


FIG. 2E

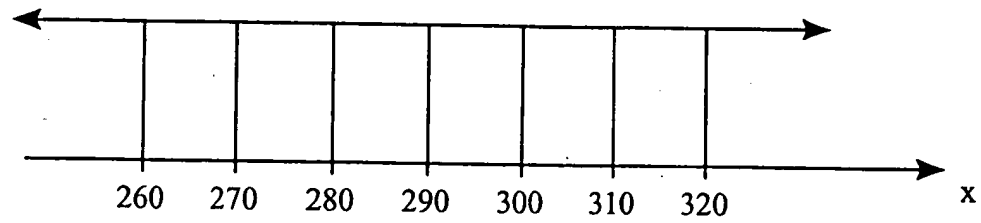


FIG. 3

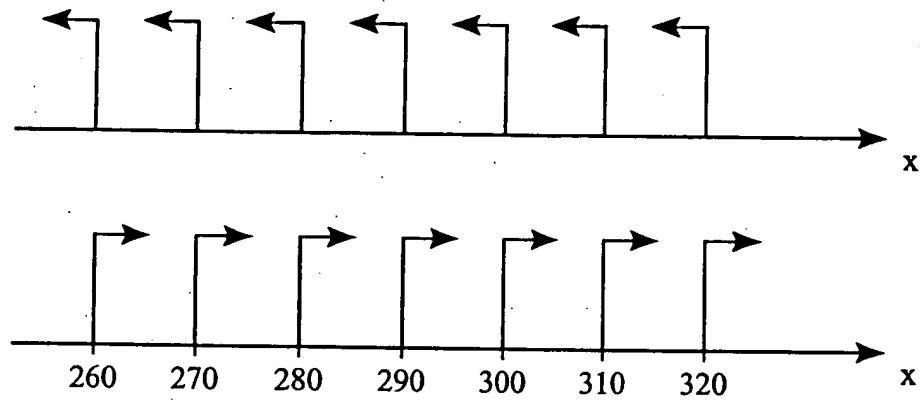


FIG. 4

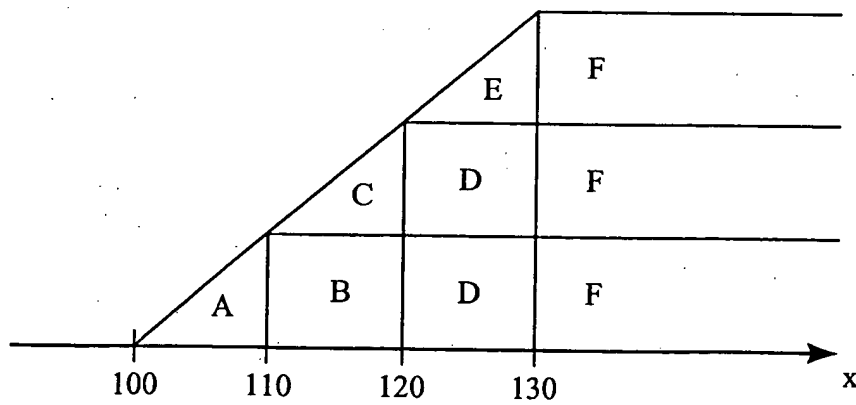


FIG. 5A

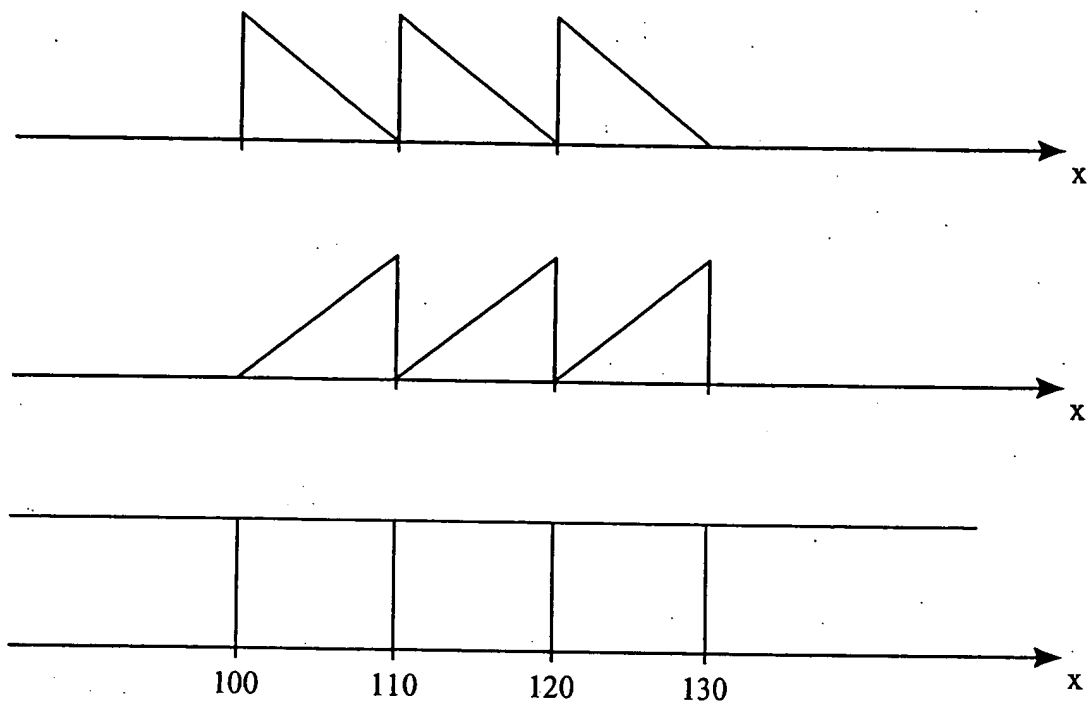


FIG. 5B

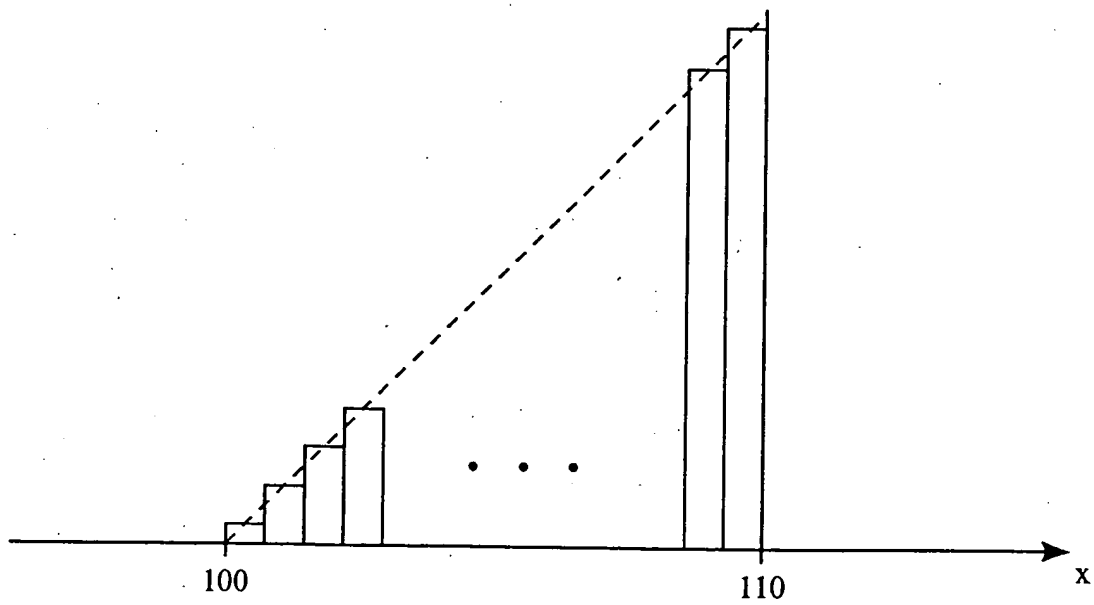


FIG. 5C

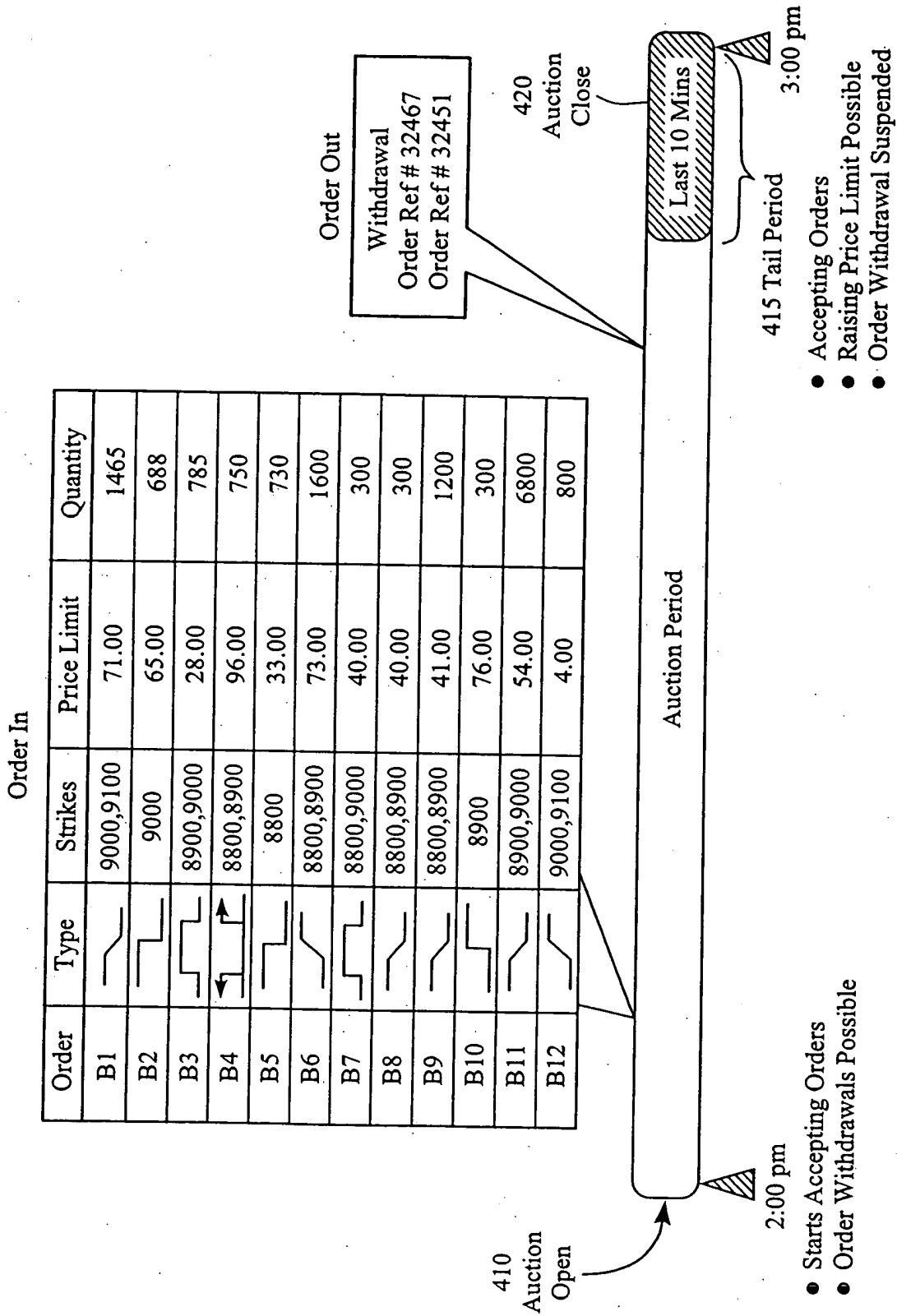
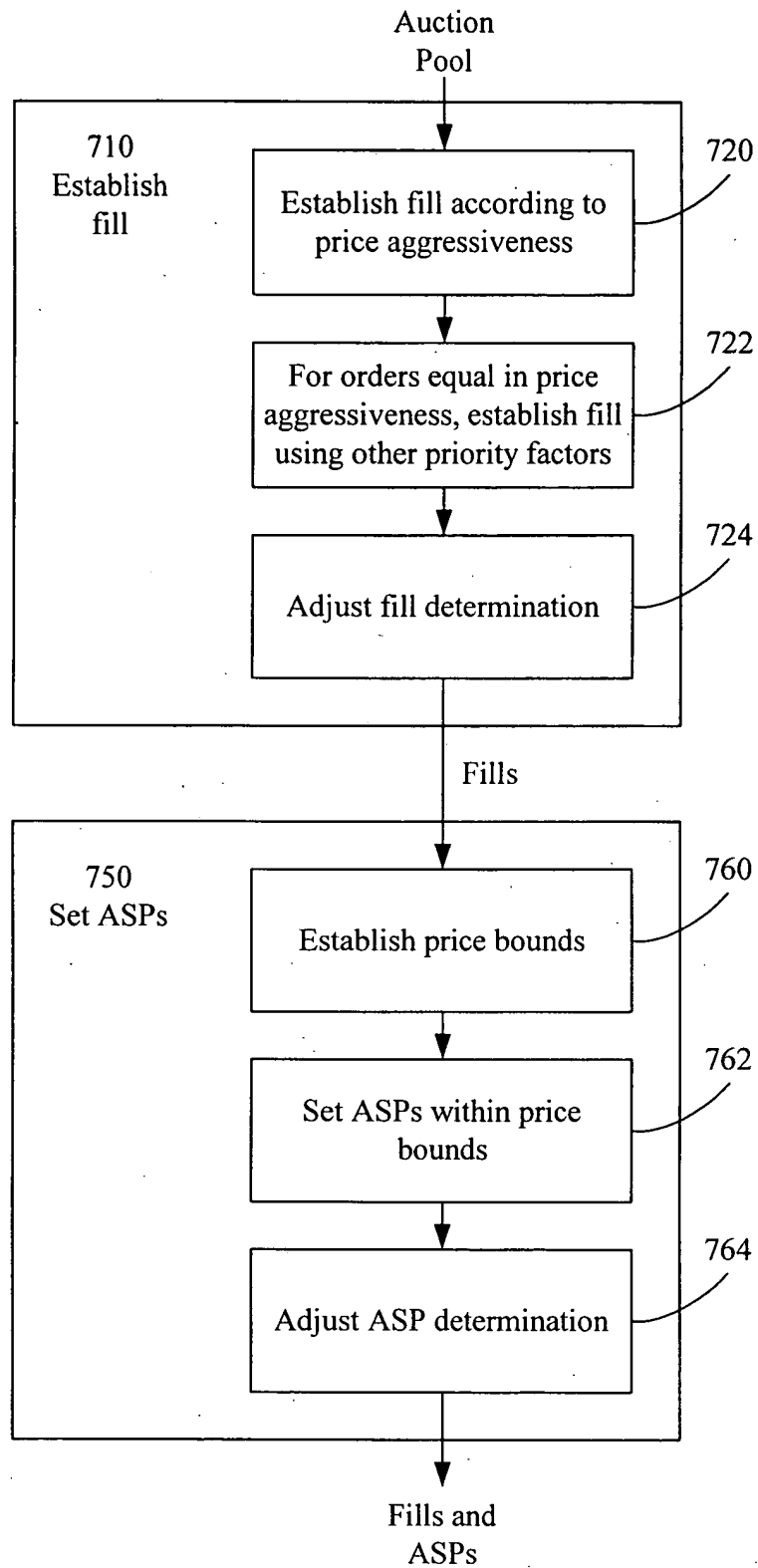
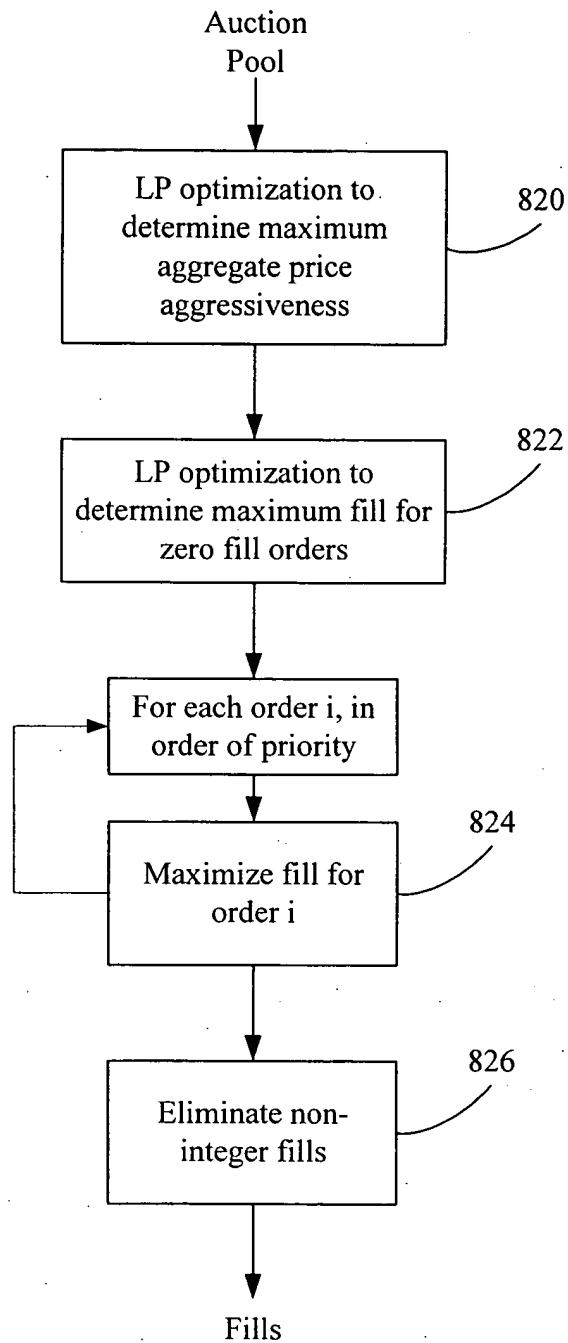


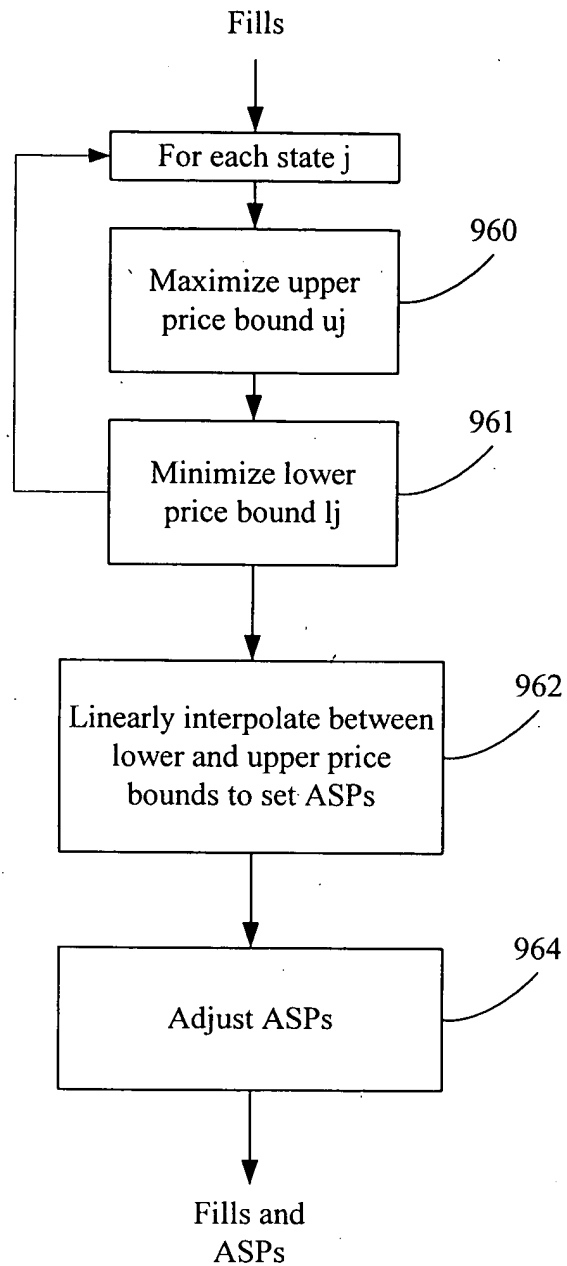
FIG. 6



**FIG. 7**



**FIG. 8**



**FIG. 9**



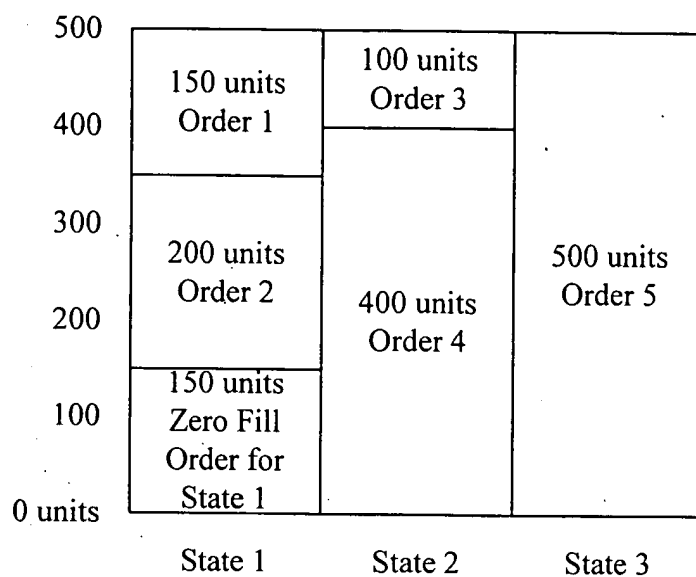


FIG. 10

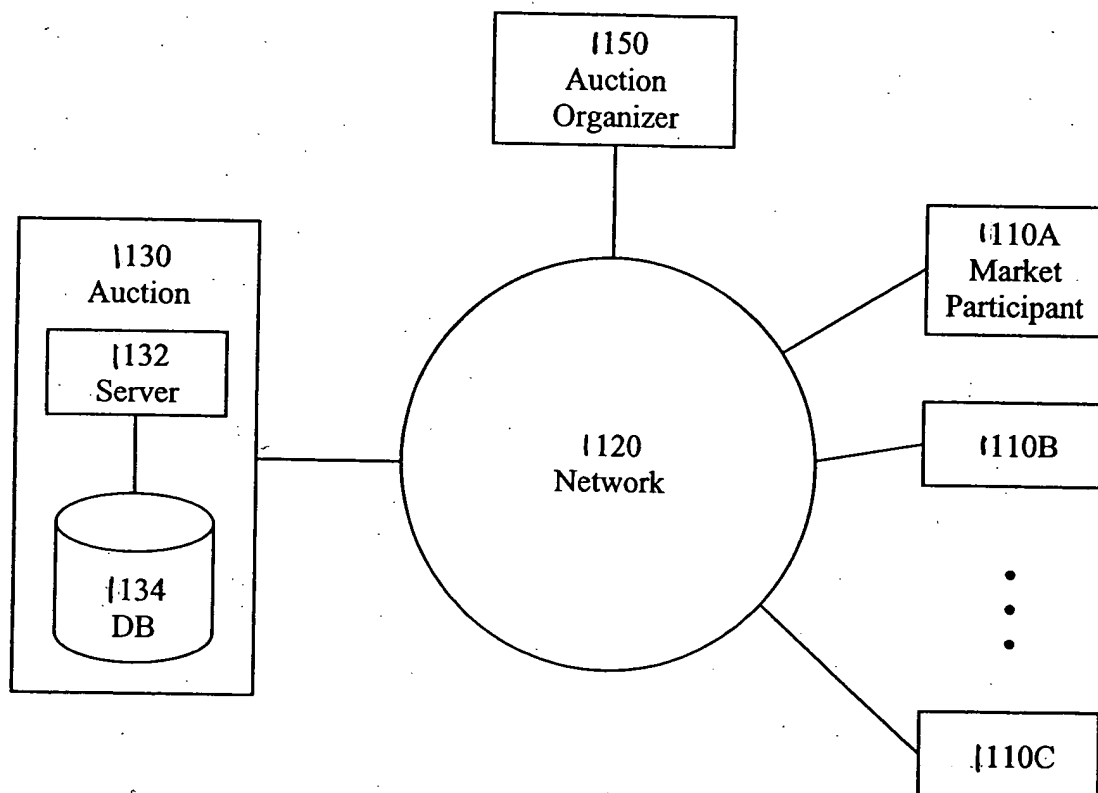


FIG. 11